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| <p>Jun 9, 2000 10:15:34 AM PDT</p> <p>CHANGE PASSWORD CHANGE VPN LOGOUT HELP</p> <p>CoSine Communications is the leading developer of managed IP service delivery platforms for Business IP Service Providers who risk losing profitability with today's low-</p> <p>MONITOR CONFIGURE ADMINISTER TOOLS</p> <p>STATUS FIREWALL NAT ROUTING</p> <p>Customer_VPN</p> | |

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| <p>■ ADD NEW RULE</p> <p>ROUTER-LEVEL FIREWALL RULES</p> <table border="1"> <thead> <tr> <th>PRIORITY</th> <th>SOURCE</th> <th>DESTINATION</th> <th>ACTION</th> <th>PROXY POLICY</th> <th>TYPE</th> <th>NAME</th> <th>PROTOCOL</th> <th>PORT</th> <th>SYNC FLAG</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>abcde</td> <td>abcde</td> <td>Permit</td> <td>FTP</td> <td>to 1</td> <td>tcp(6)</td> <td>abcde</td> <td>port 1</td> <td>1</td> </tr> <tr> <td>2</td> <td>abcde</td> <td>abcde</td> <td>Permit</td> <td>FTP</td> <td>to 1</td> <td>ospf(89)</td> <td>abcde</td> <td>port 1</td> <td>1</td> </tr> <tr> <td>3</td> <td>abcde</td> <td>abcde</td> <td>Permit</td> <td>HTTP</td> <td>HTTP 1</td> <td></td> <td></td> <td></td> <td>1</td> </tr> </tbody> </table> <p>UPDATE</p> | | PRIORITY | SOURCE | DESTINATION | ACTION | PROXY POLICY | TYPE | NAME | PROTOCOL | PORT | SYNC FLAG | 1 | abcde | abcde | Permit | FTP | to 1 | tcp(6) | abcde | port 1 | 1 | 2 | abcde | abcde | Permit | FTP | to 1 | ospf(89) | abcde | port 1 | 1 | 3 | abcde | abcde | Permit | HTTP | HTTP 1 | | | | 1 |
|--|--------|-------------|--------|--------------|--------|--------------|----------|--------|-----------|------|-----------|---|-------|-------|--------|-----|------|--------|-------|--------|---|---|-------|-------|--------|-----|------|----------|-------|--------|---|---|-------|-------|--------|------|--------|--|--|--|---|
| PRIORITY | SOURCE | DESTINATION | ACTION | PROXY POLICY | TYPE | NAME | PROTOCOL | PORT | SYNC FLAG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | abcde | abcde | Permit | FTP | to 1 | tcp(6) | abcde | port 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | abcde | abcde | Permit | FTP | to 1 | ospf(89) | abcde | port 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | abcde | abcde | Permit | HTTP | HTTP 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| <p>INTERNET INTERFACE FIREWALL RULES</p> <table border="1"> <thead> <tr> <th>SOURCE</th> <th>DESTINATION</th> <th>ACTION</th> <th>PROTOCOL</th> <th>SOURCE PORT</th> <th>DESTINATION PORT</th> <th>TCP STATUS</th> <th>DIRECTION</th> <th>SYNC FLAG</th> </tr> </thead> <tbody> <tr> <td>abcde</td> <td>abcde</td> <td>Permit</td> <td>FTP</td> <td>to 1</td> <td>port 7</td> <td>Don't care</td> <td>out</td> <td>1</td> </tr> <tr> <td>abcde</td> <td>abcde</td> <td>Permit</td> <td>FTP</td> <td>port 1</td> <td>port 9</td> <td>Don't care</td> <td>in</td> <td>1</td> </tr> <tr> <td>abcde</td> <td>abcde</td> <td>Permit</td> <td>HTTP</td> <td>port 2</td> <td>portgroup4</td> <td>setup</td> <td>out</td> <td>1</td> </tr> </tbody> </table> <p>APPLY CANCEL</p> | | SOURCE | DESTINATION | ACTION | PROTOCOL | SOURCE PORT | DESTINATION PORT | TCP STATUS | DIRECTION | SYNC FLAG | abcde | abcde | Permit | FTP | to 1 | port 7 | Don't care | out | 1 | abcde | abcde | Permit | FTP | port 1 | port 9 | Don't care | in | 1 | abcde | abcde | Permit | HTTP | port 2 | portgroup4 | setup | out | 1 |
|--|-------------|--------|-------------|-------------|------------------|-------------|------------------|------------|-----------|-----------|-------|-------|--------|-----|------|--------|------------|-----|---|-------|-------|--------|-----|--------|--------|------------|----|---|-------|-------|--------|------|--------|------------|-------|-----|---|
| SOURCE | DESTINATION | ACTION | PROTOCOL | SOURCE PORT | DESTINATION PORT | TCP STATUS | DIRECTION | SYNC FLAG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| abcde | abcde | Permit | FTP | to 1 | port 7 | Don't care | out | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| abcde | abcde | Permit | FTP | port 1 | port 9 | Don't care | in | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| abcde | abcde | Permit | HTTP | port 2 | portgroup4 | setup | out | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| <p>Customer_VPN</p> <ul style="list-style-type: none"> ■ Neuco-Central ChicagoDT ChicagoSouth ■ Node-to-Node Boston Whiteplains ■ Node-to-Node Neuco-South Little Rock Miami Winston-Salem ■ Node-to-Node Neuco-West Portland San Diego San Francisco Seattle ■ Node-to-Node <p>Done</p> | |
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FIG.3